



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Martin MAURER et al.

Title:

A PROCESS FOR IN VITRO

**DIFFERENTIATION OF** 

NEURONAL STEM CELLS OR OF CELLS DERIVED FROM NEURONAL STEM CELLS

Appl. No.:

10/584,341

Filing Date:

June 23, 2006

Examiner:

Unassigned

Art Unit:

Unassigned

Confirmation

Unassigned

Number:

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

## TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

## RELEVANCE OF EACH DOCUMENT

The documents listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the Search Report for related International Application No. PCT/EP2004/014673 is attached, as well as the cited documents.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date \_

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449B/PTO
INFORMATION DISCLOSURE

STATEMENT BY APPLICANT
Date Submitted: August 9, 2006

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known				
Application Number	10/584,341			
Filing Date	06/23/2006			
First Named Inventor	Martin Maurer			
Group Art Unit	Unassigned			
Examiner Name	Unassigned			
Attorney Docket Number	085449-0198			

U.S. PATENT DOCUMENTS						
	Cite No.1	U.S. Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant
		Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	0.15	Passages or Relevant Figures Appear
	A1	6,686,198	B1	Melton et al.	02/03/2004	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>4</sup> (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	A2	WO 99/57248	President and Fellows of Harvard College	11/11/1999		
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NON PATENT LITERATURE DOCUMENTS					
Initials*   Cite   item (book, magazine, journal, serial, symposium, catalog, etc.)		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>®</sup>		
	A3	Caricasole et al., "Functional Characterization of WNT7A Signaling in PC12 Cells," Interaction with a FZD5-LRP6 Receptor Complex and Modulation by Dikkopf Proteins, Vol. 278, No. 39, 2003, pgs. 37024-37031.			
	A4	Seidensticker et al., "Biochemical Interactions in the Wnt Pathway," 2000, pgs. 168-182.			
	A5	Cattaneo et al., "Proliferation and Differentiation of Neuronal Stem Cells Regulated by Nerve Growth Factor," <i>Letters to Nature</i> , Oct. 1999, pgs. 762-765.			
	A6	Kawano et al., "Secreted Antagonists of the Wnt Signalling Pathway," Journal of Cell Science, July 2003, pgs. 2627-2634.			

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Examiner Signature	Date Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.